

Date: Tue, 20 Apr 93 00:01:28 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #482
To: Info-Hams

Info-Hams Digest Tue, 20 Apr 93 Volume 93 : Issue 482

Today's Topics:

10meters (Give it to CB)
9913 Equivalent Water Trouble
AA8DV
Best Transceiver for SWL?
Cable TV Descrambler Sources?
Cheaper HT or Car Mobil Unit
cw software
Daily Solar Geophysical Data Broadcast for 19 April
Fact or Fiction???
FM antenna question?
good key and keyer?
Has anyone contacted Washington State Univ?
HTX-202 ADJUSTMENT QUERY (2 msgs)
Passed exam... Need suggestions!
Silly Question!
Software Serial Control of Radios
Special Event Station "MEMPHIS BELLE"
Yaesu FT-470 mods
YAESU FT-767GX

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 19 Apr 1993 12:09:01 -0700
From: unogate!news.service.uci.edu!usc!zaphod.mps.ohio-state.edu!
saimiri.primate.wisc.edu!eng.ufl.edu!usenet.cis.ufl.edu!caen!sol.ctr.columbia.edu!
eff!ssd.intel.com!ichips!ornews@mvp.saic.com

Subject: 10meters (Give it to CB)
To: info-hams@ucsd.edu

In article <1993Apr16.223346.5508@hpcvaac.cv.hp.com> billn@hpcvaac.cv.hp.com (bill nelson) writes:

>bly@btree.uucp (Roger Bly) writes:

>: stated this intent. That is great, but I think we all would like to see some
>: spectrum remain focused on experimentation, public service, etc. I would
>: rather the new citizen bands be new allocations, but would settle for 10m,
>: etc. being reallocated to CB.

>

>Why 10m? You would just have the same problems that occur on the current
>11m band. It should be put up around 700Mhz - where skip is not a real
>problem. After all, CB is supposedly for local communication.

>

700 Mhz would provide some truly awful point-to-point propagation
so I suppose some folks, particularly hams, would feel the unwashed
masses inhabiting the current CB allocations would be served their
due justice.

Somewhere I read that the frequencies between 25-30 Mhz were best for
maximum ground wave propagation due to most bending of waves versus
least atmospheric disturbance. The maximum reasonable size for a
mobile 1/4 wave whip may also have something to do with it. I don't
believe the effects of periodic skip conditions on 10-11 meters were
properly understood or accounted for when the band was reallocated
to CB class D.

Its pretty obvious to me that more spectrum is needed for those not
knowledgeable about blue LEDs and such. I guess more UHF TV channels
could be stolen as the cellular boys did but propagation would suffer.
In any case hams should be more supportive of CB needs and less
critical of their operations. Otherwise 10 meters may become a
defacto CB band if it hasn't in some places already.

WA7LDV

Date: Mon, 19 Apr 1993 21:47:15 GMT
From: swrinde!gatech!howland.reston.ans.net!bogus.sura.net!news-
feed-1.peachnet.edu!emory!wa4mei!ke4zv!gary@network.UCSD.EDU
Subject: 9913 Equivalent Water Trouble
To: info-hams@ucsd.edu

In article <1390@arrl.org> zlau@arrl.org (Zack Lau) writes:

>

>I used the conductive example to show that it was intended
>for wiring. Hopefully I'm not overestimating the intelligence
>of people on the Net :-).

Salt water and battery acid are conductive too, but I wouldn't want to coat wiring with them. Perhaps you're underestimating the intelligence of people on the net.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: 19 Apr 93 23:14:54 GMT
From: ogicse!news.tek.com!gvgpsa.gvg.tek.com!gold.gvg.tek.com!gvgadg!
jimm@network.UCSD.EDU
Subject: AA8DV
To: info-hams@ucsd.edu

Roger

Hope this gets your attention..

Sorry to waste bandwidth, but I got your message, and when I respond to rab@hal.cwru.edu, your machine (hal) bounces the mail back. Please check with you system administrator to figure out what is wrong.
Jim K9JM

Date: Mon, 19 Apr 1993 20:47:41 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!zaphod.mps.ohio-state.edu!
uwm.edu!lll-winken.llnl.gov!ddsw1!chinet!megabyte@network.UCSD.EDU
Subject: Best Transceiver for SWL?
To: info-hams@ucsd.edu

When I got my ham ticket, I traded my Icom R-71 in on a Kenwood TS-140 xceiver. Sadly, the TS-140 does not have the quality of receiver I had with the Icom R-71. However, I do not have room, funding, or logistics, to have a xceiver & a SWL receiver. So....

Which transceivers on the new and/or used market have the best receiver for short wave, utility, and VLF receiving.. as well as being good ham transmitters and receivers?

--

"It is a pity that even a single drop of this noble gift of God should be spilled" - J.S. Bach on wine

Mark E. Sunderlin: Technocrat in Winchester, VA KD4HRI (703) 722-9330
aka Dr. Megabyte: megabyte@chinet.chinet.com|megabyte@chinet.chi.il.us

Date: Mon, 19 Apr 1993 18:45:09 GMT
From: news.cerf.net!pagesat!spssig.spss.com!feenix.metronet.com!
marchbg@network.UCSD.EDU
Subject: Cable TV Descrambler Sources?
To: info-hams@ucsd.edu

Anyone know of any sources for these things?

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--
|Marc Grant           | Internet: marcbg@feenix.metronet.com |
|POB 850472          | Amateur Radio Station N5MEI          |
|Richardson, TX 75085| Voice/Fax: 214-231-3998              |
- . . . . - - . . . - . . . . . . . . . - - . . . - - . . .
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Date: Mon, 19 Apr 93 17:17:03 PDT
From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!sgiblab!cs.uoregon.edu!
news.uoregon.edu!netnews.nwnet.net!news.u.washington.edu!serval!
wsuvm1.csc.wsu.edu!97994779@network.UCSD.EDU
Subject: Cheaper HT or Car Mobil Unit
To: info-hams@ucsd.edu

I am lokin to get my license soon and I was curious as to which was cheaper to go. A HT or a Moile Car Unit? (2m) Any ideas? I'd be looking for used equipment.

Also, can someone put me in touch with a Seattle, WA (or Redmond, WA) HAM Club? I'd appreciate it!

Patrick D. Walters Washington State University Cycling Club
97994779@wsuvm1.csc.wsu.edu NWCCC Director (509) 335 - 3466

Date: Mon, 19 Apr 1993 17:03:02 GMT
From: pacbell.com!att-out!cbnewsj!k2ph@network.UCSD.EDU
Subject: cw software
To: info-hams@ucsd.edu

Date: 20 Apr 93 04:51:56 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 19 April
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 109, 04/19/93
10.7 FLUX=110.9 90-AVG=130 SSN=113 BKI=3213 2322 BAI=009
BGND-XRAY=B3.4 FLU1=4.4E+05 FLU10=1.2E+04 PKI=3223 3323 PAI=011
BOU-DEV=021,018,007,021,017,025,015,010 DEV-AVG=016 NT SWF=00:000
XRAY-MAX= C3.4 @ 0009UT XRAY-MIN= B2.5 @ 1846UT XRAY-AVG= B5.6
NEUTN-MAX= +003% @ 0530UT NEUTN-MIN= -002% @ 2325UT NEUTN-AVG= +0.1%
PCA-MAX= +0.1DB @ 2355UT PCA-MIN= -0.2DB @ 2310UT PCA-AVG= +0.0DB
BOUTF-MAX=55403NT @ 2159UT BOUTF-MIN=55375NT @ 1659UT BOUTF-AVG=55394NT
GOES7-MAX=P:+113NT@ 2017UT GOES7-MIN=N:-007NT@ 1034UT G7-AVG=+084,+040,+009
GOES6-MAX=P:+130NT@ 1738UT GOES6-MIN=N:-096NT@ 0148UT G6-AVG=+096,-010,-050
FLUXFCST=STD:110,115,120;SESC:110,115,120 BAI/PAI-FCST=018,015,010/025,020,010
KFCST=3344 4333 2233 3322 27DAY-AP=008,050 27DAY-KP=2222 3223 4676 4334
WARNINGS=*MAJFLR;*SWF
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 18 APR 93 is not available.
The Full Kp Indices for 18 APR 93 are: 3+ 5- 4o 4o 3+ 3- 2+ 2o

Date: Mon, 19 Apr 1993 20:10:29 GMT
From: usc!howland.reston.ans.net!agate!news.ucdavis.edu!othello.ucdavis.edu!
ez006683@network.UCSD.EDU
Subject: Fact or Fiction???
To: info-hams@ucsd.edu

bobm@anasazi.com (Bob Maccione) writes:

:
: The following is part of a message posted to the Hang Gliding mailing list
: about FAA/FCC enforcement. Is this actually possible? Should I be xmitting
: with both my radios at once to fool the system?

:
: ----- start message -----
:

: The FCC also enforces in earnest. They recently collected \$60,000 in fines
: from an unlicensed operator for broadcasting on the amateur radio
: bands. The FCC is using a new device that records the exact location
: of the transmitter and its "finger print". Apparantly each
: transmitter has a unique electronic signature that is comparable
: to a finger print. This signature has been accepted by the court
: as positive idenfication.

:

: So do yourself a favor: Fly and land legal and don't transmit
: on the amateur bands without a license.

:
: Happy Regards,
: Denny Dennison --- Hang III, Private Pilot, N6YFI
: San Jose, California

:
: ----- end of message -----

:
:
: bob maccione - N7TVT

:
:

Seems pretty far fetched to me. But I think I'll let this urban
legend live on if it'll keep the bootleggers off the ham bands. In fact
maybe I'll [post it on the bulletin board at the airport, since we have
ultralights flying around sometimes.

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@WA6RDH.#nocal.ca.usa      *
*                      Internet: DDTODD@ucdavis.edu             *
*                      Snail Mail: 1750 Hanover #102            *
*                      Davis CA 95616                          *
*-----*
*      I do not speak for the University of California....    *
*      and it sure as hell doesn't speak for me!!            *
*-----*
```

Date: Mon, 19 Apr 1993 23:19:32 GMT
From: usc!howland.reston.ans.net!gatech!concert!samba!usenet@network.UCSD.EDU
Subject: FM antenna question?
To: info-hams@ucsd.edu

I am looking for a good source for how to build a good
FM antenna. (88-108MHz) If anyone can tell me of any books or
magazine articles that would be helpful, I'd appreciate it. Thanks!

P.S. If you could please mail any responses to me since I don't read
this newsgroup, THANKS!

UCSKJM@UCS.UWPLATT.EDU Kurt Miller
UCSKJM@UWPLATT.BITNET Univ. of Wisconsin Platteville

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The opinions expressed are not necessarily those of the University of

North Carolina at Chapel Hill, the Campus Office for Information
Technology, or the Experimental Bulletin Board Service.
internet: 1aUNChpad.unc.edu or 152.2.22.80

Date: 19 Apr 93 16:15:54 GMT
From: zds-ux!bjstaff@uunet.uu.net
Subject: good key and keyer?
To: info-hams@ucsd.edu

I wrote:

> I want to invest in a good key and keyer. What should I get? (If you
> want to send email, the email address in my .signature works best.)

The following is a summary of the recommendations I have received:

Keys:

Bencher iambic (2 recommendations)
Jones paddle (2 recommendations)
Schurr paddle (1 recommendation)

Keyers:

Logikey K-1 (4 recommendations)

I was leaning toward the Bencher / Logikey combination, but I'll take a
look at the Jones paddle before buying.

Thanks for the advice,

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+=====+
| Brad Staff                      616-982-5791 (tel)      |
| Zenith Data Systems            616-982-5997 (fax)      |
| Hilltop Road                   b.staff@zds.com        |
| St. Joseph, MI 49085           aa8if                  |
+=====+
```

Date: Mon, 19 Apr 93 20:56:56 PDT
From: usc!zaphod.mps.ohio-state.edu!saimiri.primate.wisc.edu!
usenet.coe.montana.edu!news.uoregon.edu!netnews.nwnet.net!news.u.washington.edu!
serval!wsuvm1.csc.wsu.edu!97994779@network.UCSD.EDU
Subject: Has anyone contacted Washington State Univ?
To: info-hams@ucsd.edu

I am a student at WSU and I know we have a HAM radio club, but they
never have any signs up or ads in the school paper. They go by the name

Rho Epsilon. Has anyone had any contact with them, or are you a member?
I am curious if there is anyone local I can take my test from.

Thanks in advance!

Pat

--

Patrick D. Walters Washington State University
97994779@wsuvm1.csc.wsu.edu NW Collegiate Cycling Conference Director
Voice at (509) 335-3466 Studying to be a HAM !

Date: Mon, 19 Apr 1993 19:33:23 GMT
From: swrinde!gatech!howland.reston.ans.net!agate!news.ucdavis.edu!
othello.ucdavis.edu!ez006683@network.UCSD.EDU
Subject: HTX-202 ADJUSTMENT QUERY
To: info-hams@ucsd.edu

MBG%32868.DEcnet@consrt.rockwell.com (32868::MBG) writes:

: MY KEYPAD TONES ARE TOO "HOT". I AM TRYING TO LOCATE THE DEVIATION
: POT. PLEASE LET ME KNOW IF YOU KNOW WHERE THIS ADJUSTMENT IS VIA E-MAIL
: AT THE FOLLOWING ADDRESS:
: MBG@DLLWS.CCA.CR.ROCKWELL.COM
:
: THANKS
:
: MARK GODFREY
:
'm surethe problem is just a stuck Caps Lock key!! :^)

--

```
*-----*
* Daniel D. Todd            Packet: KC6UUD@WA6RDH.#nocal.ca.usa            *
*                            Internet: DDTODD@ucdavis.edu                *
*                            Snail Mail: 1750 Hanover #102               *
*                            Davis CA 95616                               *
*-----*
*        I do not speak for the University of California....           *
*        and it sure as hell doesn't speak for me!!                   *
*-----*
```

Date: Tue, 20 Apr 1993 05:46:24 GMT
From: sdd.hp.com!cs.utexas.edu!utnut!utcsri!newsflash.concordia.ca!
mizar.cc.umanitoba.ca!uumars@network.UCSD.EDU
Subject: HTX-202 ADJUSTMENT QUERY

To: info-hams@ucsd.edu

In article <9304161735.AA21213@ucsd.edu> MBG%32868.DEcnet@consrt.rockwell.com (32868::MBG) writes:

> MY KEYPAD TONES ARE TOO "HOT". I AM TRYING TO LOCATE THE DEVIATION
>POT. PLEASE LET ME KNOW IF YOU KNOW WHERE THIS ADJUSTMENT IS VIA E-MAIL
>AT THE FOLLOWING ADDRESS:
>MBG@DLLWS.CCA.CR.ROCKWELL.COM
>
>THANKS
>
>MARK GODFREY
>

I don't know if the HTX-202 has an adjustment for tone level but I don't think that I would want to mess around with the deviation without the proper equipment! I might want to look for a pot to adjust the tone level independantly of the mic. level. I know a friend here in Winnipeg that has a schematic and maybe even a service manual so I'll ask him if you haven't obtained that info.

73

Michael VE4MJM
Technical Manager, U. of Manitoba Amateur Radio Society
VE4UM VE4UMR
uumars@ccu.umanitoba.ca
VE4UM @ VE4KV.#WPG.MB.CAN.NOAM

Date: 19 Apr 93 12:48:02 MDT
From: swrinde!cs.utexas.edu!zaphod.mps.ohio-state.edu!caen!hellgate.utah.edu!
cc.usu.edu!slmdj@network.UCSD.EDU
Subject: Passed exam... Need suggestions!
To: info-hams@ucsd.edu

Well, the subject heading nearly says it all! I took the elements 2 and 3A and passed (the 3B too, on a chance, and missed by one question.... BTW: what ITU region is the US in?!). Now if the call will only get here! (BTW... what is the current license delay [my test was administered by ARRL/VEC] ?)

In addition, does anyone have any particular suggestions for starting equipment, etc...? I would like to do something with 2-meters, since that seems really popular, but I am unsure of anything else. (I know, I know... LEARN THAT CODE! [I am, but slowly... time restraints! :))

Thanks for any information you send my way!

Paul Cowley	
==EE Undergrad==	If entropy is increasing,
Utah State University	where is it coming from?
C/SSgt Utah Wing CAP	
slmdj@cc.usu.edu	(E-mail your best response to me if you want!) :-)

David Fox

"Set bazookoids to kill, stuff, and mount!"-Dave Lister, from Red Dwarf

Date: 19 Apr 93 20:27:15 GMT
From: ogicse!news.tek.com!gvgpsa.gvg.tek.com!gold.gvg.tek.com!gvgadg!
jimm@network.UCSD.EDU
Subject: Software Serial Control of Radios
To: info-hams@ucsd.edu

Over the weekend I was inventing a wheel, and was wondering
if anyone else out there may have already done so or might
wish to use my wheel.

It is a C++ class library for serial control of Radios.
Currently the only thing implemented are Kenwood Radios.
That is because that is what I own....
It was done with Borland C++ compiler on a PC, It
is designed to the serial routines can be easily separated
from the intelligence for easy portability between environments.

Anyone interested or wish to share what they have?

Jim Michener
K9JM @ WA6NWE.#NOCAL.CA.USA.NA

Date: 19 Apr 93 17:45:00 -0600
From: swrinde!gatech!europa.eng.gtefsd.com!darwin.sura.net!cs.utk.edu!
nntp.memst.edu!kagoos@network.UCSD.EDU
Subject: Special Event Station "MEMPHIS BELLE"
To: info-hams@ucsd.edu

Subject: Special Event "MEMPHIS BELLE" "W4BS"

The Delta Amateur Radio Club of Memphis, TN., will be hosting "W4BS"
Special Event station to commemorate the 50th anniversary of the 25th and
final mission flown by the world famous B-17 "MEMPHIS BELLE". The 25th
Mission was flown on May 17, 1943.

This special event will be from 1300Z, May 16th until 0100Z, May 17th. The
transceivers will be set up in the pavilion next to the "BELLE" on Mud
Island in Memphis, Tennessee. We will operate the following stations:

2 Meters - 146.550 Mhz
10 Meters - 28.455 Mhz
15 Meters - 21.320 Mhz
20 Meters - 14.305 Mhz
Packett - 145.01 Mhz and on the Internet Converse (CH. 25)

For an especially nice certificate send QSL with contact number and SASE

to:

MEMPHIS BELLE
c/o DARC
P.O. Box 16343
Memphis, TN 38186-0343
USA

For more information, please contact:

David Moore at:
KD4CAC @ W4BS.#WESTN.TN.USA.NA
kd4cac @ gate.n9gsa.ampr.org

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| \ / | / \ \ | | | | Suresh Kagoo EE Dept , Memphis State University
| \ / | \ \ \ | | | | Engineering 211 | Domain: KAGOOS@MEMSTVX1.MEMST.EDU
| \ / | \ \ \ | | | | Memphis, TN 38152| AMPR : n9gsa@gate.n9gsa.ampr.org
| \ / | \ \ \ | | | | Ph: (901) 678-3867| AX.25 : N9GSA@W4BS.#WESTN.TN.USA
-----
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Date: 19 Apr 93 15:21:11 GMT
From: swrinde!cs.utexas.edu!uwm.edu!linac!att!att!drutx!paul@network.UCSD.EDU
Subject: Yaesu FT-470 mods
To: info-hams@ucsd.edu

In article <C5HCuL.Dvt@amdcl2>, brian@amdcl2.amd.com (Brian McMinn) writes:
> I have a large collection of mods for the ft470 that I will mail (or
> post if volume is high). For those of you who already have a copy of
> this mods list, the current revision is Rev D.
>
> Brian McMinn, N5PSS, brian.mcminn@amd.com or brian@amdcl2.amd.com

I'd like to have a copy of em...just bought a 470 myself...THANKS 73
Paul Anderson WB0ZRD at AT&T Bell Labs in Denver, Coloado

Date: 20 Apr 93 03:17:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: YAESU FT-767GX
To: info-hams@ucsd.edu

I'm currently thinking of buying a 767 at the Dayton Ham fest if available ????
I would like any comments for, or against the rig ??? Hope to see you all ata
the ham fest. 73's ...

Steve Adams (N9LZY)
Internet -- A15sea%Andv02@Gmr.Comm

Date: (null)
From: (null)
Lots o' stuff deleted along the way...

SuperMorse has the ability to change character speed. It seems to be an excellent program -- a number of hams I know have used it and swear by it.

sm316.zip seems to be the latest I have found at an ftp site, however, sm401a.zip is on the ARRL BBS at 203-666-0578. I haven't downloaded it, so I don't know anything about it. Except that it runs about 190 Kbytes.

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

End of Info-Hams Digest V93 #482
